SelectaVision VideoDisc Player

CED



SFT100

This instruction manual is important to you. Please read it.

In a short time, it shows exactly how to connect and operate this Player for best performance.

It can save you money. It shows you simple things to do and check before you call for help, so you may save the cost of unnecessary service.

It contains your RCA Limited Warranty, telling what we promise to do if anything goes wrong with your Player.

Before using your VideoDisc Player, read these notes.

Only CED capacitance electronic discs can be used with this Player.

WARNING: Do not attempt to open the VideoDisc Player cabinet. There are no user serviceable parts except for the stylus cartridge. (See page 12 for proper replacement procedure.) Refer all warranty service to RCA Authorized VideoDisc Servicenter personnel only. **To prevent fire or electrical shock, do not expose this Player to rain or moisture.** If you spill liquid on the Player consult authorized service personnel. Moisture can damage internal parts.

When the Player is not in use, make sure disc has been removed and stored in vertical position.

Pick a location that's convenient, but keep Player away from extreme direct heat like full sunlight, heat registers or radiators. Allow for air circulation at bottom, top and back of Player. Keep Player at least a couple of inches away from walls, draperies or partitions. Don't slide things like books and magazines under the Player. This Player is designed for use in the horizontal position only.

Plug into wall socket. Your Player operates on 120 volt AC, 60 Hz. So if the socket works for a standard table lamp, for example, it's right for your Player.

Vital Information About Your VideoDisc Player

No other RCA VideoDisc Player has the same serial number as yours. It's important that you record the number and other vital information here, where it's handy, in case your Player is stolen or in case you need a complete description for any other reason. You will find the model and serial numbers on the back of the Player. You will also find both numbers recorded on your registration form.

Date of Purchase ______________________

Dealer Purchased From ______________________

Dealer Address ______________________

Dealer Phone Number ______________________

Model Number ______________________

Serial Number ______________________

Attach sales slip and filled out registration form here.

You must be able to show your registration or evidence of purchase date to your RCA Authorized VideoDisc Servicenter to get warranty parts and service.

Player registration is most important in order to be sure you are contacted right away should there be a safety inspection, modification or product recall under applicable laws or regulations or otherwise.

The dealer who sold you the Player should have registered it and given you a copy of the registration form. The information about your Player should be written in the blanks.

If your dealer did not give you a copy of the registration, get in touch with him right away and ask for it. You should have it.

Features and Accessories

Ease of Operation
Your VideoDisc Player is as easy to operate as an audio phonograph.

Wide Variety of Discs
Choose from hundreds of titles. Enjoy your favorites, whenever you like.

"DuraLife" Diamond Stylus Cartridge
RCA diamond stylus cartridges are precision components manufactured to high quality standards.

Caddy Protects, Maintains Disc Quality
Easy-to-use disc caddy provides a convenient and protective storage container. The disc caddy lets you insert and remove a VideoDisc without touching it.

Easy Connection to TV
Connect your Player in just minutes. Then view TV programs or discs whenever you wish.

Visual Search
Allows you to scan a disc at high speed. Works forward or reverse with picture displayed on your TV screen. Audio is muted.

Rapid Access
Allows you to quickly find the particular time segment of a disc you wish to view. Play Time Indicator shows the location in minutes. Works forward or reverse.

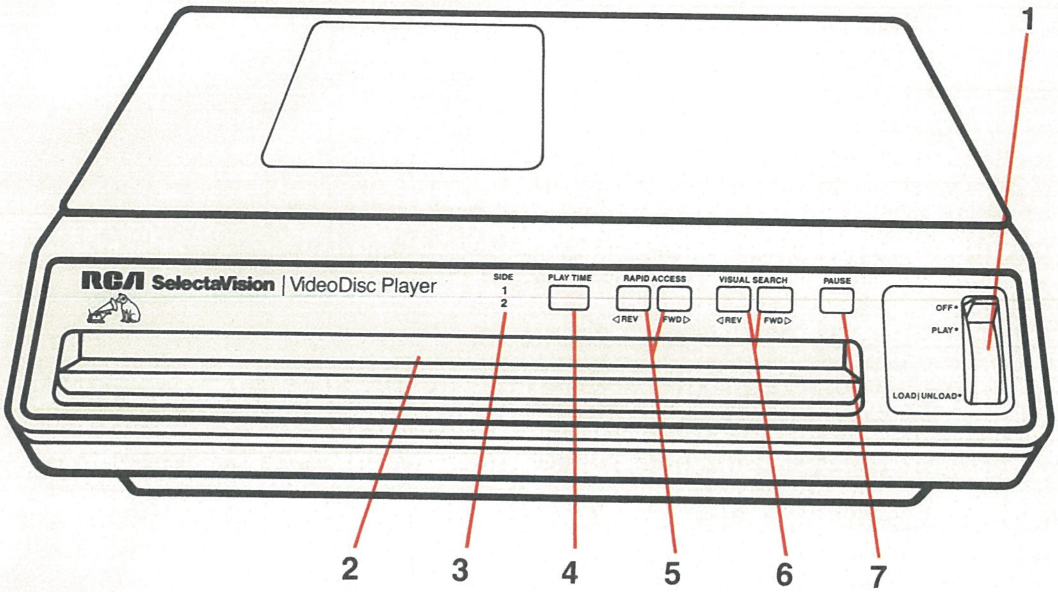
Play Time Indicator
During "Play," the display lights to tell you how many minutes of playing time have passed. Also, which mode the Player is in: Pause, Load/Unload.

Accessories Included
- One 75 ohm to 300 ohm VHF matching box.
- One 300 ohm to 75 ohm VHF antenna adapter.
- One 5 ft. 75 ohm (round) coaxial connector cable.
- One 5 ft. 300 ohm (flat) twin-lead cable with connector block.

Table of Contents

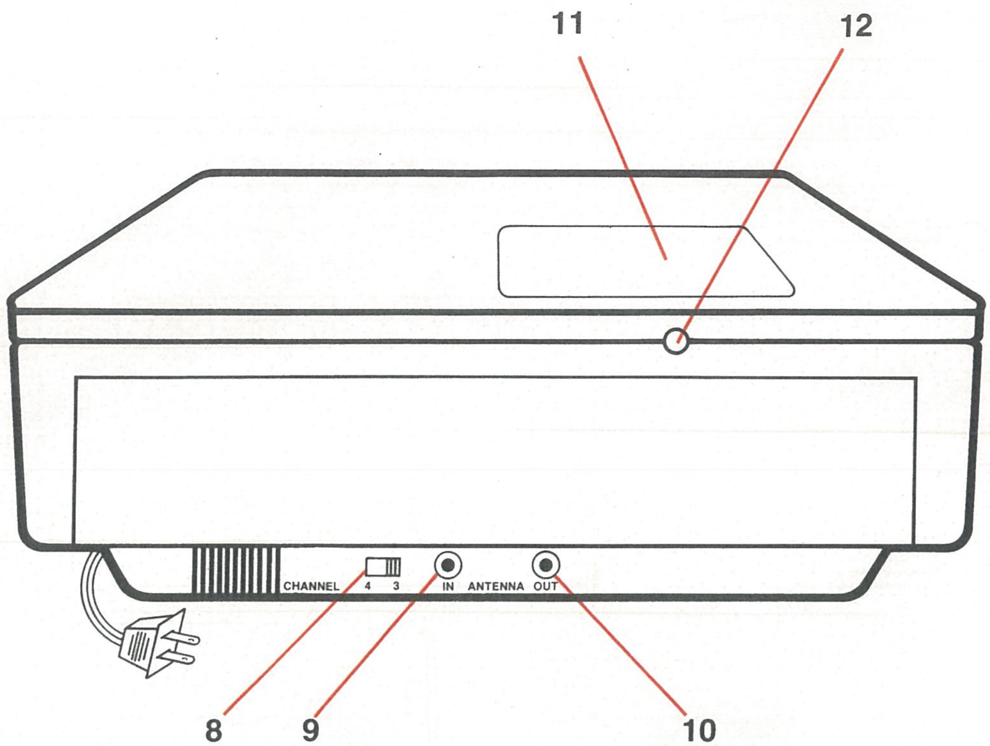
Location and Use of Controls

Front



1. **Function Lever—**
   - In "Load/Unload" position, a disc caddy can be inserted or removed.
   - In "Play" position, VideoDisc Player is on.
   - In "Off" position, Player power is off. Use this position when you want to watch TV.
2. **Disc Caddy Slot—**To play a disc, insert caddy here. Refer to page 10 for complete instructions.
3. **Side Indicator—**When the disc caddy is inserted into the Player, the Side Indicator lights to show which side (1 or 2) will be played.
4. **Play Time Indicator—**Symbols light to give important information about the Player and the disc being played.
   - [L] flashes when the Function Lever is in "Load/Unload" position. Indicates a disc can be inserted or removed from the Player.
   - [--] lights when you put the Function Lever in "Play" position. In approximately 8 seconds a picture will appear on your TV screen.
   - Numbers (0 through 60) light to show how long a disc has been playing. Example: [1] indicates that one minute has passed.
   - [E] flashes at the end of each side of a disc.
   - [P] flashes when you press the Pause Button.
5. **Rapid Access Buttons—**Enable you to quickly find a particular time segment of a program. Press and hold "FWD" (forward) or "REV" (reverse) until you reach the approximate location of the material you wish to view. Location is indicated by the number of minutes on the Play Time Indicator. Picture and sound are muted during rapid access.
6. **Visual Search Buttons—**Press and hold "FWD" (forward) or "REV" (reverse). Picture moves at high speed. This permits quick scanning or easy location of a scene you wish to view. Sound is muted during visual search.
7. **Pause Button—**Press for momentary pause during operation. This is useful during an interruption such as a telephone call. Play Time Indicator flashes [P]. Press Pause Button again to resume playing of disc.

Back



8. **Channel 3/4 Selector Switch**—Allows you to choose which channel your Player will use to transmit its signal to your TV.
9. **Antenna In**—VHF antenna cable attaches here.
10. **Antenna Out**—Round cable (provided) that connects Player and TV attaches here.
11. **Access Cover**—Panel is removable for stylus cartridge replacement. See page 12 for instructions.
12. **Access Cover Release Button**—Press to release Access Cover for stylus cartridge replacement only.

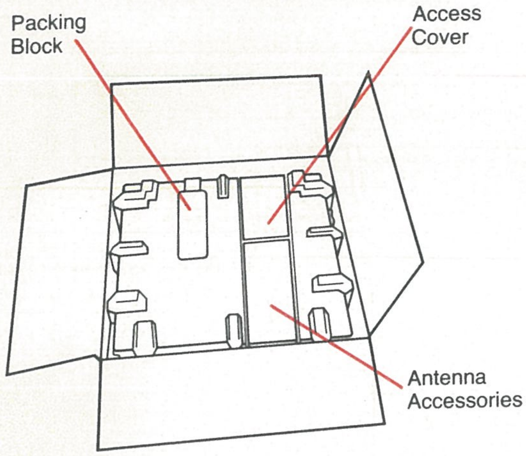
NOTE: Always remove disc from Player before opening Access Cover.

Preparation

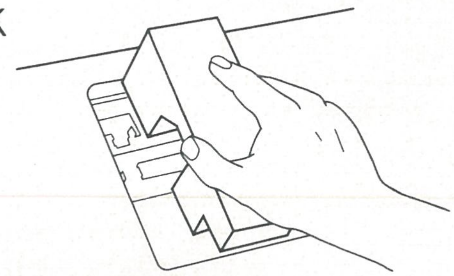
Your RCA SelectaVision VideoDisc Player is simple to operate. Before you follow the operating instructions, read the next sections of this manual and do the following:

1. Remove packing block from the Player and attach Access Cover.
2. Make antenna connections (see pages 6-9).
3. Plug in your Player.

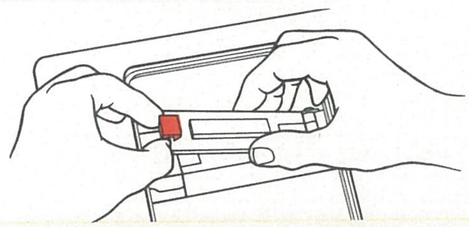
Removing the Packing Block



1. You will find the Access Cover packaged in a protective carton on top of the Player.

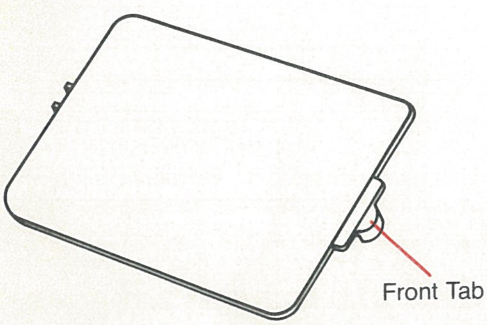


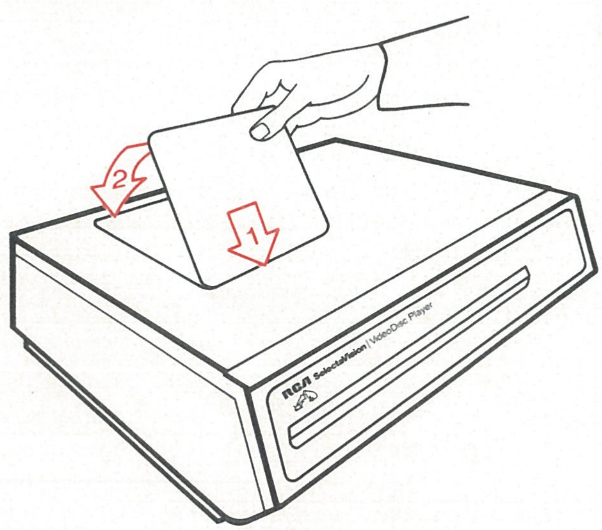
2. Remove packing block from Player. (Keep it in case you move or need to ship your Player.)



3. Remove red plastic clip from hinged cover. Then slide latch in direction of arrow to secure cover. Hinged cover must be closed and latched for player to operate properly. (Retain clip for use when shipping player.)

Attaching the Access Cover





1. Place the front tab of Access Cover into opening on top of Player.
2. Snap rear edge of Access Cover into place by pressing down gently.

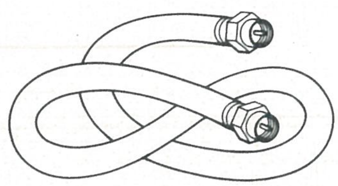
NOTE: Do not remove Access Cover except to replace stylus cartridge. Refer to page 12.

Installation

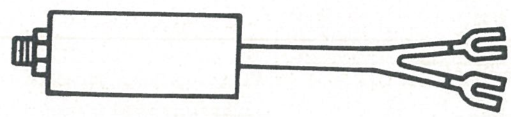
In order to install your VideoDisc Player it will be necessary to attach your VHF TV antenna to the Player and then connect the Player to your television. Your Player comes with the necessary connectors and adapters for most types of installation. The guides on the following pages will assist you with installation of your VideoDisc Player.

Installation Accessories

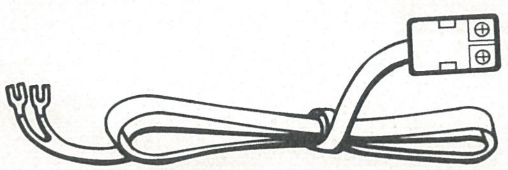
These adapters and connector cables came with your Player. You will need one or more of them depending on the kind of antenna you use. The first item in Guides 1 through 4 (pages 8 and 9) will tell you which of these accessories to use when you begin connecting your antenna.



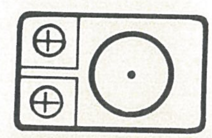
5 ft. 75 ohm
(round) coaxial
connector cable



75 ohm to 300 ohm
VHF matching box



5 ft. 300 ohm
(flat) twin-lead
cable and connector block



300 ohm to 75 ohm
VHF antenna adapter

Antenna Connections

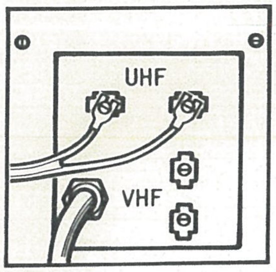
These are various kinds of antenna hook-ups. Look at the back of your TV set to see what kind you have. Then compare with the following diagrams to determine which Installation Guide(s) you'll need to use.

Place a check mark next to the illustration which most closely resembles your antenna hook-up.

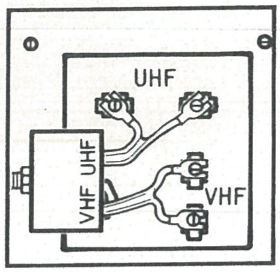
Retain it for future use in the event you should ever choose to disconnect the Player and reattach the antenna system to your TV.

If you need additional assistance, consult your local dealer or RCA Authorized VideoDisc Servicenter.

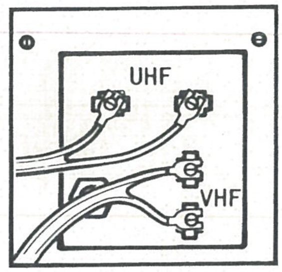
In Areas That Receive Both UHF and VHF



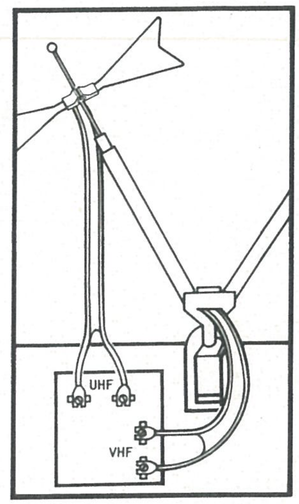
If your outside antenna is connected to your TV set with a 75 ohm (round) cable, follow: **Guide 1** for VHF connection.



If your outside antenna uses a signal splitter to provide VHF and UHF inputs from a 75 ohm (round) cable to the 300 ohm antenna terminals on your TV set, follow: **Guide 2** for VHF/UHF combination connections.



If your outside or inside antenna is connected to your TV set with a 300 ohm (flat) twin-lead cable, follow: **Guide 3** for VHF connection.



See **Guide 4** for "rabbit ear(s)" (portable TV) connection.

If you live in an area that receives only UHF channels, read this.

Your present antenna connection will not change. To connect your player you must attach the 5 ft. 75 ohm (round) coaxial connector cable from the **Antenna Out** terminal on the Player to the VHF terminal on your TV.

Guide 1 or Guide 3 illustrates this connection, depending on the type of VHF antenna terminal on your TV.

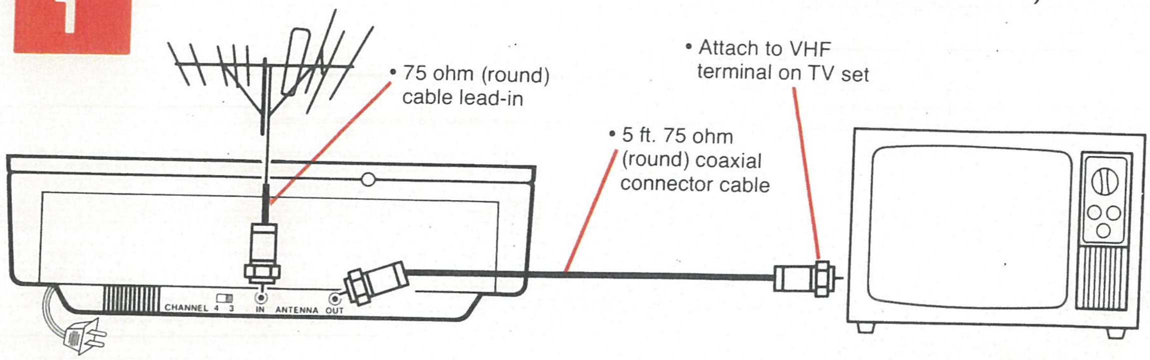
If your television is used on a cable system, read this.

Disconnect the VHF antenna lead at the TV. Then connect it to the **Antenna In** on your VideoDisc Player. Connect the **Antenna Out** on your Player to the VHF terminal on your TV. Refer to Guides 1 and 3 (pages 8 and 9) for typical connections.

If your television is used with a video cassette recorder, read this.

Disconnect the recorder's VHF antenna lead from the TV set and connect it to the **Antenna In** on your VideoDisc Player. Then connect the Player's **Antenna Out** to the VHF antenna terminal on your TV. Refer to Guides 1 and 3 (pages 8 and 9) for typical connections.

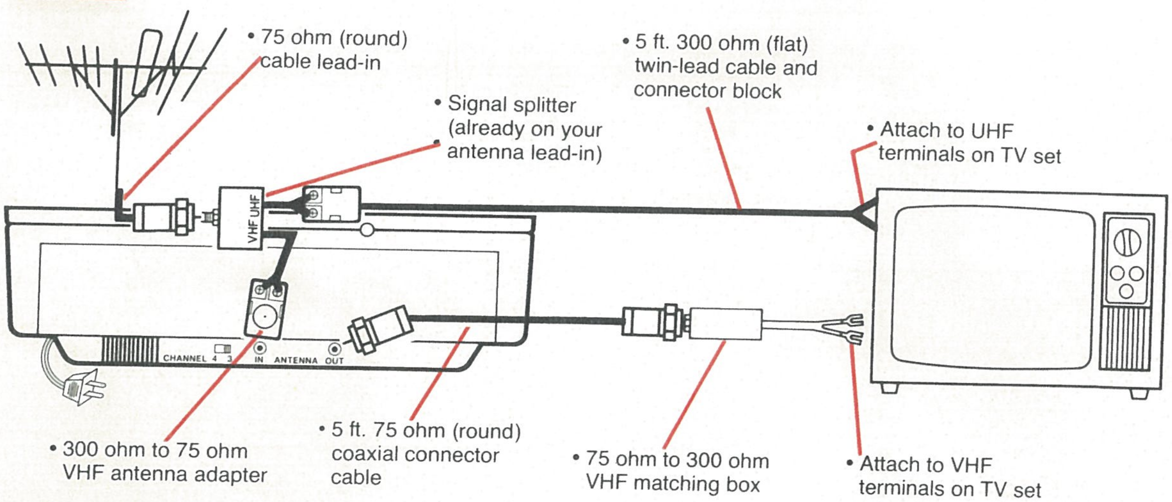
Guide 1 VHF Antenna Connection (round cable)



You will need the 75 ohm (round) coaxial connector cable that came with your Player.

1. Screw the 75 ohm (round) cable lead from your antenna into the **Antenna In** terminal on your Player.
2. Attach one end of the 75 ohm (round) coaxial connector cable to the **Antenna Out** terminal on your Player.
3. Attach the other end of the 75 ohm (round) coaxial connector cable to the VHF terminal on the back of your TV set.

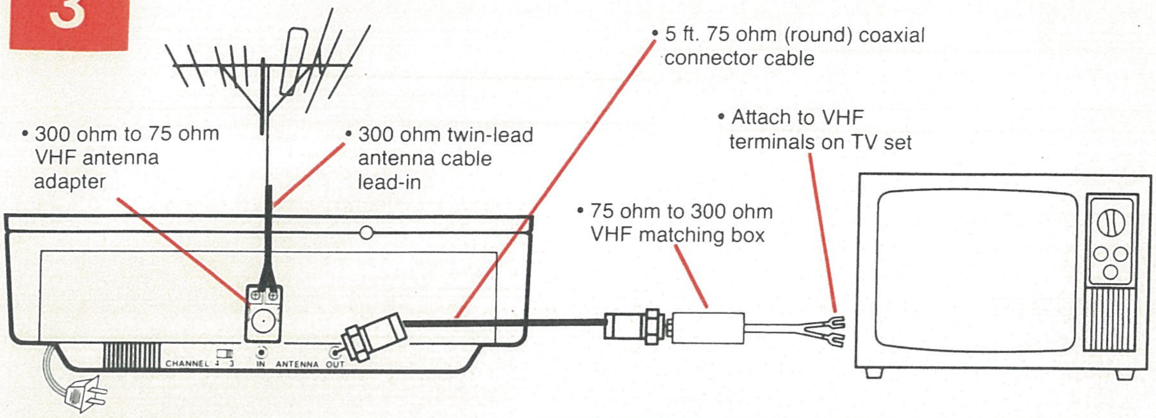
Guide 2 VHF/UHF Combination Antenna Connection Using a Signal Splitter



You will need both adapters and both connector cables supplied with your Player.

1. Attach the UHF twin-leads from the signal splitter to the 300 ohm (flat) twin-lead connector block.
2. Attach the other end of the 300 ohm (flat) twin-lead connector cable to the UHF In terminals on your TV.
3. Attach the VHF twin-leads from the signal splitter to the 300 ohm to 75 ohm VHF antenna adapter. Connect the other end of the adapter to the **Antenna In** terminal on your Player.
4. Attach one end of the 75 ohm (round) coaxial connector cable to the **Antenna Out** terminal on your Player. Attach the other end of the connector cable to the 75 ohm to 300 ohm VHF matching box.
5. Attach the twin-leads from the matching box to the VHF terminals on the back of your TV set.

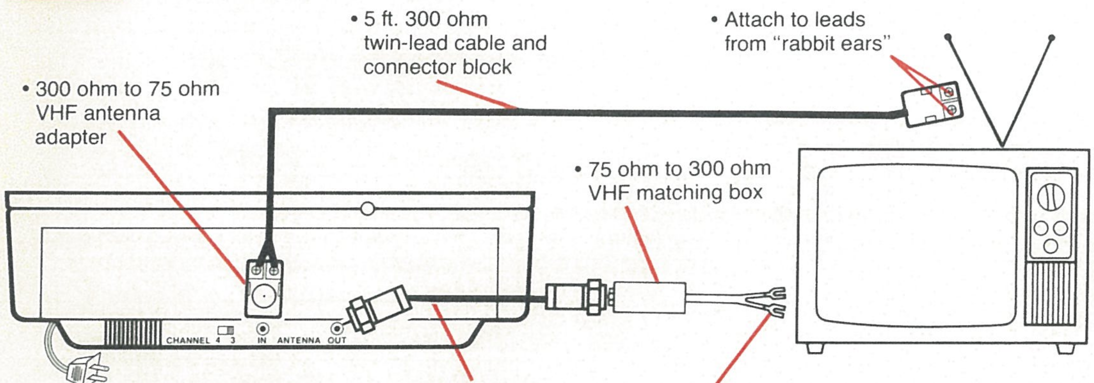
Guide 3 VHF Antenna Connection (flat twin-lead)



You will need the 300 ohm to 75 ohm VHF antenna adapter, the 75 ohm (round) coaxial connector cable, and the 75 ohm to 300 ohm VHF matching box.

1. Connect the 300 ohm twin-leads from your antenna to the 300 ohm to 75 ohm VHF antenna adapter.
2. Connect the other end of the adapter to the **Antenna In** terminal on your Player.
3. Attach one end of the 75 ohm (round) coaxial connector cable to the **Antenna Out** terminal on your Player.
4. Attach the other end of the connector cable to the 75 ohm to 300 ohm VHF matching box.
5. Attach the twin-leads from the matching box to the VHF terminals on the back of your TV set.

Guide 4 Portable TV With "Rabbit Ear(s)" (mono/dipole)



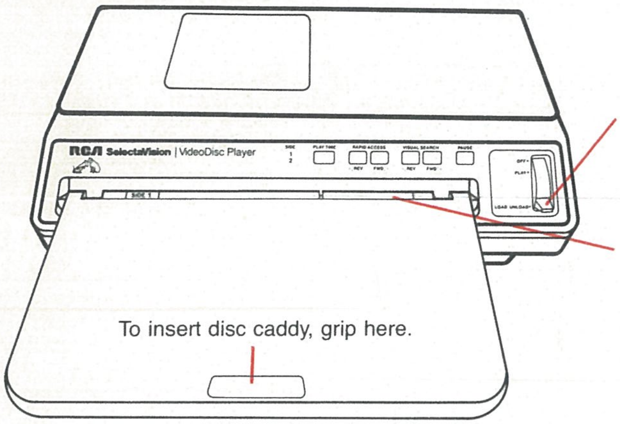
You will need both adapters and both connector cables supplied with your Player.

1. Disconnect "rabbit ear" antenna connection from TV antenna terminals and connect "rabbit ear" leads to the 300 ohm twin-lead connector block.
2. Connect the other end of the 300 ohm twin-lead connector cable to the 300 ohm to 75 ohm VHF antenna adapter. Connect the other end of the adapter to the **Antenna In** terminal on your Player.
3. Attach one end of the 75 ohm (round) coaxial connector cable to the **Antenna Out** terminal on your Player. Attach the other end of the connector cable to the 75 ohm to 300 ohm VHF matching box.
4. Attach the twin-leads from the matching box to the VHF terminals on the back of your TV set.

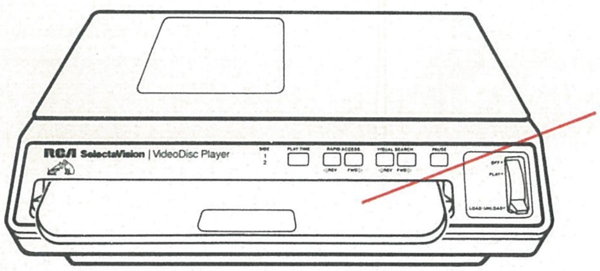
Operation

Your RCA SelectaVision VideoDisc caddy comes sealed in clear plastic wrap. Make sure this wrap is removed before inserting the disc caddy into the player.

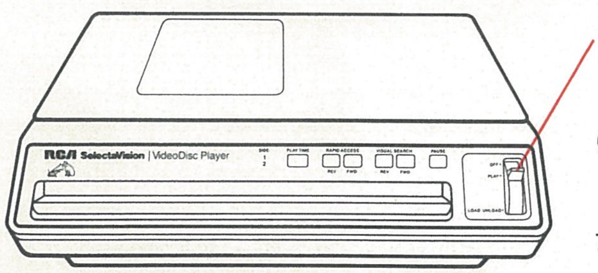
To Play A Disc:



1. Turn on TV. Select channel 3 or 4 on your TV to match the channel you have selected on your Player's Channel 3/4 Selector Switch.
2. Move the Function Lever to "Load/Unload." [L] flashes.
3. Slide disc caddy into Player, notched side first. Side 1 and side 2 are labled on the notched side of the caddy. Side Indicator "1" or "2" will light to show which side of the disc will be played.



4. Push the caddy in until forward movement stops. Then remove disc caddy from Player. The disc will remain in the Player.



5. Move the Function Lever to "Play." [--] lights, and in approximately 8 seconds a picture will appear on your TV screen.
6. After viewing one side of the disc, move the Function Lever to "Load/Unload" and insert the disc caddy to remove the disc from the Player.
7. To view the other side of the disc, turn the disc caddy over and repeat steps 3-5.

After Playing a Disc:

1. Insert empty caddy to remove disc from Player.
2. Move Function Lever to "Off."
3. Store disc caddies in vertical position.

Fine Tuning TV Receiver

You may find it necessary to fine tune your TV so it can receive the signal transmitted by your Player. The Player transmits its signal on either channel 3 or channel 4. To determine if it is necessary to fine tune your TV, do the following:

1. Turn on TV and select channel 3 or 4, whichever is unused in your area. If both channel 3 and 4 are used, select the least viewed. Your Player will override any unwanted signal.
2. Set the Channel 3/4 Selector Switch located on the back of the unit to the same channel you selected on your TV.
3. Insert a disc into the Player by following "To Play a Disc," page 10.
4. If the picture and sound are satisfactory, your TV does not require fine tuning.
5. If the picture and sound are unsatisfactory, fine tune only channel 3 or 4 as described in your TV set owner's manual.

Disc Care and Storage

RCA VideoDiscs are manufactured to exacting specifications and should provide many hours of enjoyment when used properly. Follow these directions for continued high quality performance.

DO

- Make sure plastic wrap is removed before inserting disc caddy into Player.
- Always remove disc from Player after viewing.
- Store VideoDisc caddies vertically in a cool dry place.
- Handle disc caddy with care.
- Insert disc caddy into Player notched side first.

DON'T

- Don't attempt to open disc caddy.
- Don't transport Player with disc inside.

Player Care

DO

- Clean Player cabinet with a slightly damp cloth.
- Make sure Function Lever is in "Off" position before moving Player.
- Keep original carton and packing materials in case you move or need to ship your Player.

DON'T

- Don't remove Access Cover except to replace stylus cartridge.
- Don't attempt to clean the stylus cartridge.

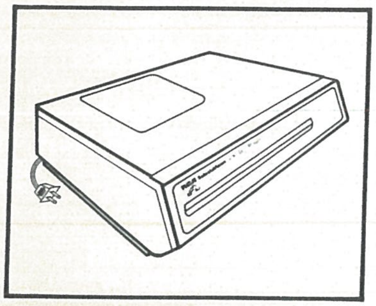
Stylus Cartridge

Your RCA "DuraLife" diamond stylus cartridge is a precision component. Like any precision part, the stylus may require replacement after prolonged use. In the event picture or sound quality deteriorates, play another disc. If the problem still exists, do the following:

If your Player is within RCA's parts warranty, take it to an RCA Authorized VideoDisc Servicenter to be checked. Review page 14 for information regarding warranty coverage.

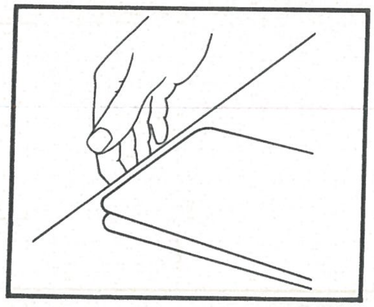
If your Player is out of warranty, and you wish to change the stylus cartridge yourself, use the procedure shown below or contact your Servicenter for assistance.

Before moving your Player, be sure to remove the VideoDisc and move the Function Lever to "Off."

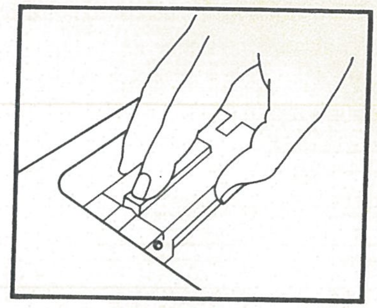


NOTE: Before attempting cartridge replacement, always remove disc from Player and place Function Lever in "Off" position.

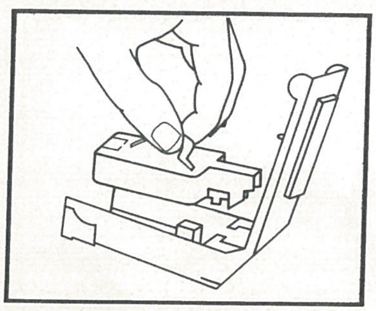
1. Disconnect Player from AC outlet.



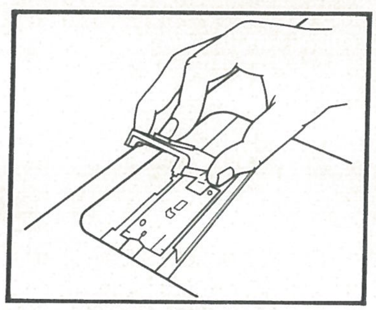
2. Press Access Cover release button on back of Player. Rear edge of cover will pop up. Remove Access Cover. Stylus cartridge arm assembly will now be visible.



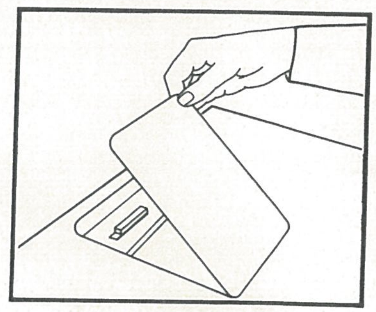
3. To open cartridge arm, slide latch in direction of arrow and lift hinged cover.



4. Grasp the cartridge by the handle and lift it out of the Player.



5. Insert replacement cartridge into cartridge arm, making sure it lies flat. Then close and latch the hinged cover.



6. Place front tab of Access Cover into opening on top of Player. Snap rear edge of Access Cover into place by pressing down gently.

In Case of Trouble, Check Here

Sometimes problems can be easily solved by checking a few basic things. So check here before you call for help or take your unit to your RCA Authorized Servicenter. It could save you time and money.

If you're having this kind of trouble:	Check these things:
• No power.	• Check to see if Player is plugged in.
• No color, poor picture during normal TV viewing.	• Make sure Function Lever on your Player is set to "Off." • Carefully check antenna connections.
• No color, poor picture during Player operation.	• Make sure TV channel selector matches channel you have selected on the Player's Channel 3/4 Selector Switch. • Make sure TV is fine tuned. • Carefully check antenna connections.
• Cannot load the Player.	• Make sure Function Lever is in "Load/Unload" position. • Another disc may be in the Player. (Side Indicator will be lighted.)
• Player will not play.	• Be sure there is a disc in the Player. (Side Indicator will be lighted.) • Make sure Function Lever is in "Play" position. • Check all connections. • Check to see if Pause is in effect; [P] will light if Pause is on.

General Specifications

Antenna	VHF-75 OHM external antenna terminal
VHF Output Signal	Channel 3 or 4 (switchable) 75 OHM unbalanced
Power Requirements	110-130v AC/60Hz
Power Consumption	35w
Weight	19 lbs. 10 oz.
Dimensions	H-5.8″ W-17.0″ D-15.3″

RCA VideoDisc Player Limited Warranty

RCA Corporation warrants that if anything goes wrong with your VideoDisc Player within 90 days—and it's our fault—we will pay an RCA Authorized VideoDisc Servicenter only for the labor to repair it in his shop. Transportation to and from the Servicenter is your responsibility.

In addition, we will make available at no charge to the RCA Authorized VideoDisc Servicenter new or, at our option, rebuilt replacements for parts of your unit that become defective within one year.

This warranty excludes costs for initial technical adjustments (set-up) which are the responsibility of the RCA dealer from whom the unit was purchased, and all costs arising from installation, adjustment of user controls, units purchased or serviced outside the U.S.A.,* and damage due to misuse or neglect. Consult the operating instructions included with your unit for information regarding operation and user controls.

For the names and locations of RCA Authorized VideoDisc Servicenters in your locality, contact the RCA Dealer from whom you purchased the unit or the nearest RCA Distributor.

To obtain warranty service you must:

1. Take your unit to an RCA Authorized VideoDisc Servicenter.
2. Present your warranty registration or bill of sale or other evidence of the date on which the unit was first purchased.
3. Pick up the unit after repairs are completed.

You will find it easier to obtain warranty service if you have your warranty registration; so be sure that you receive your registration from the dealer from whom you bought your VideoDisc Player and keep it where you can find it if needed.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

*For purchases in Canada refer to Canadian warranty.

Si un livret d'instructions en français n'est pas inclus avec votre appareil, vous pouvez en obtenir un (INDIQUER LE NUMÉRO DE MODELE. VOTRE NOM ET VOTRE ADDRESSE) en vous adressant à:

RCA Inc.
Service des données techniques
5575 Ave. Royalmount,
Ville Mont-Royal, Québec, Canada
H4P 1J8



RCA Corporation
Consumer Electronics Division
600 North Sherman Drive
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